

REMARKS

Claims 1-17 are pending in the application. In the OA, the Examiner indicated that claims 1-5, 12-15, and 17 are allowed, and claims 6-11 and 16 are rejected.

5 Applicant has amended claim 6 to include the limitations of claim 7. Claim 7 has been cancelled. Applicant has further included the limitation that "the LC oscillation circuit is configured to generate a carrier frequency for transmission and to clock the median filtering by the median filter. Support for this amendment can be found, among other places, in claims 12 and 17, which have
10 been indicated as allowable by the Examiner, and therefore no new matter has been added to the application.

 Applicant has further amended claim 16 to include the limitations of claim 17, which was indicated as being allowable by the Examiner. Applicant has further amended claim 17 to utilize language more consistent with a device
15 claim, as opposed to a method claim. Applicant respectfully asserts that this amendment in no way changes the claim scope, but is done to conform with conventional claim construction procedures for apparatus claims.

 With regard to the amendment to claim 6, Applicant repeats the reasoning from the response to the first office action regarding claim 17, which the
20 Examiner found persuasive with respect to claim 17. Namely, regarding the limitations in claim 6 related to those of claim 12 and 17, Nishidai fails to provide a teaching related to the clocking of a receiving device.

With these Amendments, Applicant asserts that the amended claim language clearly distinguishes over the prior art and all claims now include subject matter indicated by the Examiner as allowable. Applicant respectfully requests that the Examiner withdraw the §103(a) rejection from the present
5 application.

CONCLUSION

Inasmuch as each of the objections have been overcome by the amendments, and all of the Examiner's suggestions and requirements have been satisfied, it is respectfully requested that the present application be reconsidered,
10 the rejections be withdrawn and that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

 (Reg. No. 45,877)

Mark Bergner
SCHIFF HARDIN, LLP
PATENT DEPARTMENT
6600 Sears Tower
Chicago, Illinois 60606-6473
(312) 258-5779
Attorney for Applicants
Customer Number 26574

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the
25 United States Postal Service as First Class Mail in an envelope addressed to:
Mail Stop AF, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-
1450 on August 23, 2006

